

#2



OIPE

RAW SEQUENCE LISTING

DATE: 01/17/2002

PATENT APPLICATION: US/10/034,350

TIME: 15:32:30

Input Set : A:\seqlist_18210010002 ascii

Output Set: N:\CRF3\01172002\J034350.raw

ENTERED

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5 <110> APPLICANT: Zauderer, Maurice
9 <120> TITLE OF INVENTION: Methods of Selecting Polynucleotides Encoding Antigens
13 <130> FILE REFERENCE: 1821.0010002
C--> 17 <140> CURRENT APPLICATION NUMBER: US/10/034,350
C--> 19 <141> CURRENT FILING DATE: 2002-01-03
23 <150> PRIOR APPLICATION NUMBER: US 08/935,377
25 <151> PRIOR FILING DATE: 1997-09-22
29 <160> NUMBER OF SEQ ID NOS: 37
33 <170> SOFTWARE: PatentIn version 3.1
37 <210> SEQ ID NO: 1
39 <211> LENGTH: 69
41 <212> TYPE: DNA
43 <213> ORGANISM: Artificial Sequence
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49 <223> OTHER INFORMATION: Synthetic Construct
53 <220> FEATURE:
55 <221> NAME/KEY: CDS
57 <222> LOCATION: (46)..(69)
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62 ggccaaaaat tgaaaaacta gatctattta ttgcacgogg ccgcc atg ggc ccg gcc      57
63                                     Met Gly Pro Ala
64                                     1
66 gcc aac ggc gga                                69
67 Ala Asn Gly Gly
68 5
71 <210> SEQ ID NO: 2
73 <211> LENGTH: 8
75 <212> TYPE: PRT
77 <213> ORGANISM: Artificial Sequence
81 <220> FEATURE:
83 <223> OTHER INFORMATION: Synthetic Construct
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89 Met Gly Pro Ala Ala Asn Gly Gly
90 1                    5
93 <210> SEQ ID NO: 3
95 <211> LENGTH: 75
97 <212> TYPE: DNA
99 <213> ORGANISM: Artificial Sequence
103 <220> FEATURE:
105 <223> OTHER INFORMATION: Synthetic Construct
109 <220> FEATURE:
111 <221> NAME/KEY: CDS
113 <222> LOCATION: (52)..(75)

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117 <400> SEQUENCE: 3
118 ggccaaaaat tgaaatttta tttttttttt ttggaatata aagcggccgc c atg ggc      57
119                                     Met Gly
120                                     1
122 ccg gcc gcc aac ggc gga      75
123 Pro Ala Ala Asn Gly Gly
124      5
127 <210> SEQ ID NO: 4
129 <211> LENGTH: 8
131 <212> TYPE: PRT
133 <213> ORGANISM: Artificial Sequence
137 <220> FEATURE:
139 <223> OTHER INFORMATION: Synthetic Construct
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145 Met Gly Pro Ala Ala Asn Gly Gly
146 1      5
149 <210> SEQ ID NO: 5
151 <211> LENGTH: 57
153 <212> TYPE: DNA
155 <213> ORGANISM: Artificial Sequence
159 <220> FEATURE:
161 <223> OTHER INFORMATION: Synthetic Construct
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171 <211> LENGTH: 145
173 <212> TYPE: DNA
175 <213> ORGANISM: Artificial Sequence
179 <220> FEATURE:
181 <223> OTHER INFORMATION: Synthetic Construct
185 <400> SEQUENCE: 6
186 ggccaaaaat tgaaaaacta gatctattta ttgcacgcgg ccgccgtgga tcccccgggc      60
188 tgcaggaatt cgatatcaag cttatcgata ccgtcgacct cgaggggggg cctaactaac      120
190 taattttgtt tttgtgggcc cggcc      145
193 <210> SEQ ID NO: 7
195 <211> LENGTH: 148
197 <212> TYPE: DNA
199 <213> ORGANISM: Artificial Sequence
203 <220> FEATURE:
205 <223> OTHER INFORMATION: Synthetic Construct
209 <400> SEQUENCE: 7
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212 ggctgcagga attcgatatc aagcttatcg ataccgtcga cctcgagggg gggcctaact      120
214 aactaatttt gttttgtgg gcccggcc      148
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219 <211> LENGTH: 149
221 <212> TYPE: DNA
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229 <223> OTHER INFORMATION: Synthetic Construct
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234 ggccaaaaat tgaaaaacta gatctattta ttgcacgcgg ccgccatgag tggatccccc      60
236 gggctgcagg aattcgatat caagcttata gataccgtcg acctcgagg ggggcctaac      120
238 taactaattt tgtttttgtg ggcccggcc      149
241 <210> SEQ ID NO: 9
243 <211> LENGTH: 150
245 <212> TYPE: DNA
247 <213> ORGANISM: Artificial Sequence
251 <220> FEATURE:
253 <223> OTHER INFORMATION: Synthetic Construct
257 <400> SEQUENCE: 9
258 ggccaaaaat tgaaaaacta gatctattta ttgcacgcgg ccgccatgac gtggatcccc      60
260 cgggctgcag gaattcgata tcaagcttat cgataccgtc gacctcgagg ggggcctaa      120
262 ctaactaatt ttgtttttgt ggcccggcc      150
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269 <212> TYPE: PRT
271 <213> ORGANISM: Artificial Sequence
275 <220> FEATURE:
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283 Ser Ile Ile Asn Phe Glu Lys Leu
284 1      5
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290 <212> TYPE: DNA
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296 <220> FEATURE:
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310 <212> TYPE: DNA
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316 <220> FEATURE:
318 <223> OTHER INFORMATION: Synthetic Construct
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326 <210> SEQ ID NO: 13
328 <211> LENGTH: 10
330 <212> TYPE: DNA
332 <213> ORGANISM: Artificial Sequence
336 <220> FEATURE:
338 <223> OTHER INFORMATION: Synthetic Construct
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Input Set : A:\seqlist_18210010002 ascii

Output Set: N:\CRF3\01172002\J034350.raw

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376 <220> FEATURE:
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383 tacctatggc 10
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403 tgtcacatac 10
406 <210> SEQ ID NO: 17
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423 tcggtcacag 10
426 <210> SEQ ID NO: 18
428 <211> LENGTH: 10
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442 <400> SEQUENCE: 18
443 atctggtaga 10
446 <210> SEQ ID NO: 19
448 <211> LENGTH: 10
450 <212> TYPE: DNA
452 <213> ORGANISM: Artificial Sequence
456 <220> FEATURE:
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462 <400> SEQUENCE: 19
463 cttatccacg 10
466 <210> SEQ ID NO: 20
468 <211> LENGTH: 10

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Input Set : A:\seqlist_18210010002 ascii

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470 <212> TYPE: DNA
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476 <220> FEATURE:
478 <223> OTHER INFORMATION: Synthetic Construct
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488 <211> LENGTH: 10
490 <212> TYPE: DNA
492 <213> ORGANISM: Artificial Sequence
496 <220> FEATURE:
498 <223> OTHER INFORMATION: Synthetic Construct
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506 <210> SEQ ID NO: 22
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510 <212> TYPE: DNA
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516 <220> FEATURE:
518 <223> OTHER INFORMATION: Synthetic Construct
522 <400> SEQUENCE: 22
523 ctgatccatg 10
526 <210> SEQ ID NO: 23
528 <211> LENGTH: 53
530 <212> TYPE: DNA
532 <213> ORGANISM: Artificial Sequence
536 <220> FEATURE:
538 <223> OTHER INFORMATION: Synthetic Construct
542 <400> SEQUENCE: 23
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546 <210> SEQ ID NO: 24
548 <211> LENGTH: 53
550 <212> TYPE: DNA
552 <213> ORGANISM: Artificial Sequence
556 <220> FEATURE:
558 <223> OTHER INFORMATION: Synthetic Construct
562 <400> SEQUENCE: 24
563 ggccggggccc atggcggccg cgtgcaataa atagatctag tttttcaatt ttt 53
566 <210> SEQ ID NO: 25
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570 <212> TYPE: DNA
572 <213> ORGANISM: Artificial Sequence
576 <220> FEATURE:
578 <223> OTHER INFORMATION: Synthetic Construct
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586 <210> SEQ ID NO: 26
588 <211> LENGTH: 59
590 <212> TYPE: DNA

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/034,350

DATE: 01/17/2002

TIME: 15:32:31

Input Set : A:\seqlist_18210010002 ascii

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L:17 M:270 C: Current Application Number differs, Replaced Current Application Number

L:19 M:271 C: Current Filing Date differs, Replaced Current Filing Date